1173,1009

Appl. No. 10/722,227

Amdt. dated September 2, 2005

Response to Office Action of June 3, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (Currently amended) A compound lift device for controlled movement of a low-profile

display comprising:

(a) a base unit of planar extent having a first pair of linearly extensible slides

separately disposed and parallel, one each of said first pair of linearly extensible slides fastened to

a flange along the length of said base unit;

(b) a support unit of planar extent having a second pair of linearly extensible slides

separately disposed and parallel, one each of said second pair of linearly extensible slides fastened

to a flange along the length of said support unit, said support unit having at least two support

elements adjustably fastened thereto so as to facilitate secured attachment of said low-profile display;

(c) an intermediate unit of planar extent having a first pair of pulleys attached at one

end and a second pair of pulleys attached at another end, said first pair of linearly extensible slides

and said second pair of linearly extensible slides separately fastened to said intermediate unit so as

to allow movement between said intermediate unit and said base unit and between said support unit

and said intermediate unit, said intermediate unit sufficiently stiff so as to resist deflection of said

intermediate unit during extension and retraction;

(d) a reversible motor fastened to said base unit and directly coupled to a drive screw,

14

Appl. No. 10/722,227

Amdt. dated September 2, 2005

Response to Office Action of June 3, 2005

said drive screw secured to said base unit so as to allow its rotation, said drive screw contacting said

intermediate unit thereby communicating linear movement to said intermediate unit via rotation of

said drive screw, said intermediate unit extending and retracting with respect to said base unit, said

intermediate unit disposed between said base unit and said support unit when said compound lift

device is retracted; and

(e) two cables separately disposed about and parallel to said drive screw, said two

1173,1009

cables each having two cable ends fastened to said base unit, said two cables fastened along its

length to said support unit, said two cables slidably disposed about said intermediate unit via said

first pair of pulleys and said second pair of pulleys, said two cables imparting likewise movement

to said support unit when said intermediate unit is extended and retracted.

2. (Previously presented) The compound lift device of claim 1, further comprising:

(f) a limit switch fastened to said base unit, said limit switch electrically connected

to said reversible motor or a controller so as to control function, said limit switch having a rod

extending along said base unit, parallel to said drive screw, and attached to said base unit in a

movable fashion, said rod having a lower stop to stop and reverse said motor when said compound

lift device is retracted and an upper stop to stop and reverse said motor when said compound lift

device is extended.

3. (Previously presented) The compound lift device of claim 1, further comprising:

(f) a rotary motion sensor adjacent to said drive screw and communicating with said

controller so as to stop and reverse said motor based on rotational history of said drive screw.

15

Appl. No. 10/722,227 Amdt. dated September 2, 2005 Response to Office Action of June 3, 2005

1173.1009

4. (Canceled)